

Application No. 10/720,928
Amendment dated February 6, 2006
Reply to Office Action of January 11, 2006

Docket No.: 013436.0287PTUS
(Bushnell 25-26)

AMENDMENTS TO THE CLAIMS

1. (Currently amended) An interoperability system connected to an enterprise communication network and a public communication network for providing communication services to users' wireless station sets which are located in the coverage area of a one of said enterprise communication network and said public communication network, comprising:
~~presence server means for storing user presence data representative a service status of~~
~~for a user wireless station set, comprising:~~
~~location means for identifying a last determined location of said user wireless station set~~
~~plurality of users in said enterprise communication network and said public communication~~
~~network;~~
~~device status means for identifying a present busy/idle status of said user wireless station~~
~~set; and~~
~~query information sharing means for exchanging said user presence data with at least~~
~~one of said enterprise communication network and said public communication network to extend~~
~~the wireless services provided in the enterprise communication network to the public~~
~~communication network based on said presence data.~~
2. (Original) The interoperability system of claim 1 wherein said enterprise communication network and said public communication network each comprise at least one cell site, said location means comprises:
location data update means, responsive to user location data received from a one of said enterprise communication network and said public communication network, for recording present location data identifying a one of said at least one cell site which presently serves said user wireless station set.
3. (Currently amended) The interoperability system of claim 1 wherein said presence server means further comprises:
~~status means for identifying a present operational status~~ availability means for storing
~~data indicative of availability of said user wireless station set for communication.~~

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4. (Currently amended) The interoperability system of claim 3 wherein said ~~status~~ information sharing means comprises:

~~status update means, responsive to user operational status data received receipt of an inquiry from a one of said enterprise communication network and said public for providing said user location data, busy/idle status and availability data to determine whether said public communication network, for recording present operational status data of is capable of extending a communication connection from said enterprise communication network to said user wireless station set.~~

5. (Currently amended) A method of providing service interoperability in both an enterprise communication network and a public communication network for providing communication services to users' wireless station sets which are located in the coverage area of a one of said enterprise communication network and said public communication network, comprising:

~~storing user presence data representative a service status of for a user wireless station set,~~
comprising:

~~identifying a last determined location of said user wireless station set in said enterprise communication network and said public communication network;~~

~~identifying a present busy/idle status of said user wireless station set;~~ and

~~exchanging said user presence data with at least one of said enterprise communication network and said public communication network to extend the wireless services provided in the enterprise communication network to the public communication network based on said presence data.~~

6. (Original) The method of providing service interoperability of claim 5 wherein said enterprise communication network and said public communication network each comprise at least one cell site, said step of identifying comprises:

recording, in response to user location data received from a one of said enterprise communication network and said public communication network, present location data identifying a one of said at least one cell site which presently serves said user wireless station set.

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7. (Original) The method of providing service interoperability of claim 5 wherein said step of storing further comprises:

~~identifying a present operational status~~ storing data indicative of availability of said user wireless station set for communication.

8. (Original) The method of providing service interoperability of claim 7 wherein said step of ~~identifying a present operational status~~ exchanging comprises:

recording, in response to ~~user operational status data received~~ receipt of an inquiry from ~~a one of said enterprise communication network and said public~~ for providing said user location data, busy/idle status and availability data to determine whether said public communication network, for recording present operational status data of is capable of extending a communication connection from said enterprise communication network to said user wireless station set.